

## Introduction

SealXpert™ TS542 Thread Sealant is a one component, thixotropic, low viscosity, medium strength, fast cure anaerobic pipe thread sealant. It is designed for locking and sealing metal pipes and fittings. The product cures when it is confined between close fitting metal surfaces in the absence of air.

## Typical Applications

Typically used for sealing fine pipe thread under M36.

## Typical Properties of Uncured Material

	Typical Value	Range
Appearance	Brown liquid	
Basis material	Methacrylate	
Viscosity (mPa.s)		
Brookfield RVT		
2# Spinder 2.5rpm	1850	1200-2700
20rpm	600	400-800
Specific Gravity (g/cm <sup>3</sup> )	1.06	
Flash Point (°C)		>93
Max. Thread diameter	M36	
Fixture (h)		<1

## Typical Performance of Cured Material

Full curing time at room temperature (h)	24
Max. sealing pressure (MPa)	70
Disassemble strength	medium
Sealing operation time under pressure	instant
Working Temperature (°C)	-50-150

## Chemical/Solvent Resistance

Aging under the conditions below and tested at 22°C

Solvent	Temp (°C)	%of Initial Strength		
		100h	500h	1000h
Motor oil	125	100	100	100
Unleaded gasoline	22	100	100	95
Brake fluid	22	100	100	95
Ethanol	22	100	100	95
Acetone	22	100	80	80
Water/Glycol (50%/50%)	87	90	90	90

## Directions for Use

For best performance, surfaces should be clean, dry and free of grease. Product should be applied to the surface in sufficient quantity to fill all engaged threads. Assemble in a normal way and leave sufficient time for curing.

Shake the product thoroughly before use.

## Notice

To prevent contamination of the unused product, do not pour back any unused material to the original container.

The product is not recommended for use in pure oxygen and/or oxygen rich systems. It is not recommended for use on plastics.

Keep away from children.

The product contains acrylic acid and methacrylate ester, which may irritates skin and eyes. It is recommended to use the product at a well-ventilated place.

In case of contact with eyes or skin, rinse immediately with water. If symptom persists, visit a physician immediately.

Please refer to MSDS for more details.

## Package

Item No.:TS542, 50ml bottle

Item No.:TS542, 250ml bottle

## Storage

Stored in a cool and dry location in unopened containers at 8 to 28°C.

The product shelf life is 24 months.